

ABSTRACT

Please amend the abstract beginning at line 1 of page 46 as follows:

A signal transmission system ~~according to the present invention comprises:~~
that includes a signal transmission unit (101) that includes a MPEG decoder [(103)]
(102), which receives digital broadcasting and outputs a luminance signal Y and two
color difference signals P_B/P_R , P_B/P_R , and a transmission path encoding circuit (103),
which encodes the YP_BP_R outputted from the MPEG decoder (102) into signals in
the forms suited to a transmission path and transmits the encoded signals; and a
signal reception unit (104) that includes a transmission path decoding circuit (105),
which receives the encoded YP_BP_R and decodes them, a Y processing circuit (106),
which processes the decoded luminance signal Y, a chrominance processing circuit
(107), which processes the respective decoded color difference signals P_B/P_R , P_B/P_R ,
a signal conversion circuit [(10&)] (108), which converts the YP_BP_R outputted from
the Y processing circuit (106) and the chrominance processing circuit (107) into
RGB signals, and a display device (108) which displays the RGB signals.

~~According to the so configured signal transmission system, it is possible to
realize a signal transmission system in which hardware configurations of the video
signal transmitting end and receiving end can be simplified.~~